WHAT IS CLAIMED IS:

1   1.   A method of delivering data and real-time media
2   from a first mobile terminal to a second mobile terminal,
3   said data being transferred through a packet-switched
4   network, and said real-time media being transferred
5   through a circuit-switched network, said method
6   comprising the steps of:
7   passing the real-time media from the first mobile
8   terminal to the second mobile terminal in a circuit-
9   switched call;
10   passing the data from the first mobile terminal to
11   the second mobile terminal in a packet-switched data
12   session;
13   associating the circuit-switched call with the data
14   session in the second mobile terminal using binding
15   information passed from the first mobile terminal to the
16   second mobile terminal; and
17   simultaneously presenting the real-time media and
18   the data to a user of the second mobile terminal.

1   2.   The method of delivering data and real-time
2   media of claim 1 wherein the mobile terminals are Class-A
3   mobile terminals, and the step of passing the data from
4   the first mobile terminal to the second mobile terminal

5   in a packet-switched data session is performed while the

6   cicuit-switched call is on-going.

1   3.   The method of delivering data and real-time

2   media of claim 1 wherein the mobile terminals are Class-B

3   mobile terminals, and the step of passing the data from

4   the first mobile terminal to the second mobile terminal

5   in a packet-switched data session is performed before the

6   cicuit-switched call is originated.

1   4.   A method of delivering data from a first mobile

2   terminal to a second mobile terminal through a packet-

3   switched network, said method comprising the steps of:

4   establishing a first data session between the first

5   mobile terminal and the second mobile terminal;

6   passing, in connection with the first data session,

7   an identifier of the first mobile terminal to a program

8   in the second mobile terminal;

9   establishing a second data session between the first

10   mobile terminal and the second mobile terminal;

11   passing, in connection with the second data session,

12   the identifier of the first mobile terminal to the

13   program in the second mobile terminal;

14   associating by the program, the first data session

15   with the second data session by matching the identifier

16   of the first mobile terminal received in connection with

17   each session; and

18   presenting information from the first and second

19   data sessions to a user of the second mobile terminal.

1   5.   A method of delivering data and real-time media

2   from a first Class-A mobile terminal to a second Class-A

3   mobile terminal, said data being transferred through a

4   packet-switched network, and said real-time media being

5   transferred through a circuit-switched network, said

6   method comprising the steps of:

7   setting up a circuit-switched call to pass the real-

8   time media from the first mobile terminal to the second

9   mobile terminal;

10   setting up a packet-switched data session during the

11   circuit-switched call to pass the data from the first

12   mobile terminal to the second mobile terminal;

13   associating the data session with the circuit-

14   switched call in the second mobile terminal using binding

15   information passed from the first mobile terminal to the

16   second mobile terminal; and

17   simultaneously presenting the real-time media and

18   the data to a user of the second mobile terminal.

1   6.   The method of delivering data and real-time

2   media of claim 5 wherein the step of setting up a

3   circuit-switched call includes setting up a voice call.

1   7.   A method of delivering data and real-time media

2   from a first Class-B mobile terminal to a second Class-B

3   mobile terminal, said data being transferred through a

4   packet-switched network, and said real-time media being

5   transferred through a circuit-switched network, said

6   method comprising the steps of:

7   passing the data from the first mobile terminal to

8   the second mobile terminal in a packet-switched data

9   session, said data including an identifier of the data

10 session;

11   storing the data and the identifier of the data

12 session in the second mobile terminal;

13   setting up a circuit-switched call to pass the real-

14 time media from the first mobile terminal to the second

15 mobile terminal after the data session is complete, said

16 setting up step including the step of passing the

17 identifier of the data session to the second mobile

18 terminal;

19   associating the data session with the circuit-

20 switched call in the second mobile terminal using the

21 identifier of the data session as binding information

22 between the session and the call; and

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23   presenting the data to a user of the second mobile
24   terminal during the circuit-switched call.

1   8.   The method of delivering data and real-time
2   media of claim 7 further comprising, before the step of
3   setting up the circuit-switched call, the step of sending
4   a message from the second mobile terminal to the first
5   mobile terminal indicating that the data session is
6   complete.

1   9.   The method of delivering data and real-time
2   media of claim 8 wherein the step of setting up the
3   circuit-switched call includes the step of automatically
4   originating the circuit-switched call by the first mobile
5   terminal upon receiving the message from the second
6   mobile terminal indicating that the data session is
7   complete.

1   10.   The method of delivering data and real-time
2   media of claim 7 wherein the second mobile terminal
3   includes an application program, and the steps of storing
4   the data and the identifier of the data session,
5   associating the data session with the circuit-switched
6   call, and presenting the data to the user of the second
7   mobile terminal are performed by the application program.

1   11.   The method of delivering data and real-time
2   media of claim 7 wherein the identifier of the data
3   session is an identifier of the first mobile terminal
4   that is normally passed during setup of a circuit-
5   switched call.

1   12.   The method of delivering data and real-time
2   media of claim 11 wherein the step of associating the
3   data session with the circuit-switched call in the second
4   mobile terminal using the identifier of the data session
5   as binding information includes associating an identifier
6   of the first mobile terminal received by the second
7   mobile terminal during the data session and during setup
8   of the circuit-switched call.

1   13.   The method of delivering data and real-time
2   media of claim 11 wherein the identifier of the first
3   mobile terminal is selected from a group consisting of a
4   Mobile Station Identity (MSID), a Mobile Identification
5   Number (MIN), and an Electronic Serial Number (ESN).

1   14.   A method of delivering data and real-time media
2   from a first Class-B mobile terminal to a second Class-B
3   mobile terminal, said data being transferred through a
4   packet-switched network, and said real-time media being

5   transferred through a circuit-switched network, said

6   method comprising the steps of:

7   passing the data from the first mobile terminal to

8   an application program in the second mobile terminal in

9   a packet-switched data session, said data including an

10   identifier of the first mobile terminal;

11   storing the data and the identifier of the first

12   mobile terminal by the application program in the second

13   mobile terminal;

14   sending a message from the second mobile terminal to

15   the first mobile terminal indicating that the data

16   session is complete;

17   automatically setting up a circuit-switched call by

18   the first mobile terminal to pass the real-time media

19   from the first mobile terminal to the second mobile

20   terminal after the data session is complete, said setting

21   up step including the step of passing the identifier of

22   the first mobile terminal to the second mobile terminal;

23   associating the data session with the circuit-

24   switched call by the application program in the second

25   mobile terminal, said program using the identifier of the

26   first mobile terminal as binding information between the

27   session and the call; and

28   presenting the data to a user of the second mobile

29   terminal during the circuit-switched call.